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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,973	09/24/2003	Takashi Yano	240117US-2 CONT	1462
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OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314				
EXAMINER				
AHN, SANGWOO				
ART UNIT		PAPER NUMBER		
2166				
NOTIFICATION DATE		DELIVERY MODE		
08/19/2008		ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@oblon.com  
oblonpat@oblon.com  
jgardner@oblon.com

### Office Action Summary

**Application No.**

10/668,973

**Applicant(s)**

YANO ET AL.

**Examiner**

SANGWOO AHN

**Art Unit**

2166

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 02 June 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2-9, 11-22 and 24-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 2-9, 11-22, 24-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_\_

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/2/2008 has been entered.

### ***Response to Amendment***

Claims 2 - 9, 11 - 22 and 24 - 34 are pending in the present application.

Claims 2, 17, 30 and 31 have been amended.

Claims 1, 10 and 23 have been canceled.

### ***Response to Arguments***

Applicant's arguments with respect to independent claims 2, 17, 30 and 31, and dependent claims 13 and 15 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Objections***

Claim 31 is objected to because of the following informalities:

It is unclear whether the computer or the user performs the step of “identifying”  
(See lines 3 – 4).

Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 2 - 9, 11 – 22 and 24 – 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 5,794,235 issued to David Michael Chess (hereinafter “Chess”) in view of U.S. Patent Number 5,982,370 issued to Robert J. Kamper (hereinafter “Kamper”).**

■ With respect to claim 2, Chess discloses,

A method of managing information comprising:

identifying, by a user, from all words in an image, a word of an image as a keyword (column 2 lines 10 – 11; 49 – 50, et seq.);

determining a search result corresponding to the keyword (column 2 lines 22 – 25; 52 – 54, et seq.);

displaying, on a display unit, a pop-up menu prepared based on a content of the search result, the pop-up menu including a list of selectable documents corresponding to the content of the search result (column 2 lines 52 – 54, et seq.); and

displaying additional information in response to a selection of a document in the list of documents in the pop-up menu (column 2 lines 59 – 62, et seq.).

Chess does not explicitly indicate that identification of a word of an image as a keyword is prior to performing a search using the keyword.

However, Kamper clearly discloses identifying a word of an image as a keyword prior to performing a search using the keyword in Figure 5b, column 2 lines 36 – 40, column 3 lines 13 – 19, column 6 lines 42 – 49, column 7 lines 3 – 5, et seq. At the time the invention was made, it would have been obvious to a person of ordinary skill in the data processing art to modify Chess's method of managing documents to incorporate Kamper's method of identifying a keyword prior to performing a search, thus enabling a novel interface to an interactive search tool, offering users a convenient way to select keywords to save user's time and effort.

■ As to claim 3,

Chess teaches wherein the image is displayed on a display unit (column 2 lines 3 – 4, et seq.).

■ As to claim 4,

Chess teaches wherein the additional information is displayed on a display unit (column 2 line 63, et seq.).

■ As to claim 5,

Chess teaches wherein the step of displaying additional information is performed without altering a file corresponding to the image (column 2 line 63, et seq.).

■ As to claim 6,

Chess teaches selecting, after the step of displaying information and before the step of displaying additional information, the portion of the displayed information (column 2 lines 59 – 60, et seq.).

■ As to claim 7,

Chess teaches determining the search result using a search engine accessible by a browser (column 2 lines 27 – 29, et seq.).

■ As to claim 8,

Chess teaches wherein the step of identifying a word is performed using a pointing device (column 2 lines 50 – 51, et seq.).

■ As to claim 9,

Chess teaches wherein the step of identifying a word is performed using a cursor position (column 2 lines 50 – 51, et seq.).

■ As to claim 11,

Chess teaches wherein the identified word is a non-linked word (column 2 line 50, et seq.).

■ As to claim 12,

Chess teaches wherein, when a file is displayed on a display unit, a word from the file is identified as the keyword specified by a cursor on the display unit (column 2 lines 10 – 12; 22 – 23, et seq.).

■ As to claim 13,

Kamper teaches displaying, on a display unit, in a space adjacent to the keyword, a menu comprising menu items for specifying search criteria for a search engine (Figure 5c, column 2 lines 47 – 50, column 3 lines 18 – 19, et seq.); and

specifying the menu item by a cursor, wherein the keyword and the menu items specified are input into the search engine (Figure 5c, column 2 lines 47 – 50, column 3 lines 18 – 19, et seq.).

■ As to claim 14,

Chess teaches wherein the menu is for specifying at least one search database (column 2 lines 27 – 29, et seq.).

■ As to claim 15,

Kamper teaches displaying, on a display unit, in a space adjacent to the keyword, a menu for specifying output criteria of the search result (Figure 5c, column 2 lines 47 – 50, column 3 lines 18 – 19, et seq.).

■ As to claim 16,

Chess teaches wherein the menu is for specifying where to output the search result (column 2 lines 27 – 29; 49 – 54; 60 – 67, et seq.).

■ With respect to claim 17, Chess discloses an information management device, comprising:

a display unit configured to display an image (column 2 lines 3 – 4, et seq.);

an identification unit configured to identify, from all words in the displayed image, based on user input, a word displayed in the image to be a keyword (column 2 lines 10 – 11; 49 – 50, et seq.); and

a search unit configured to input the keyword and to output a search result corresponding to the keyword (column 2 lines 22 – 25; 52 – 54, et seq.),

wherein the display unit is configured to obtain the search result corresponding to the keyword from the search unit, to display a pop-up menu prepared based on a content of the search result, the pop-up menu including a list of selectable documents corresponding to content of the search results (column 2 lines 52 – 54, et seq.), and to display additional information in response to a selection of a document in the list of documents in the pop-up menu (column 2 lines 59 – 62, et seq.).

Chess does not explicitly indicate that identification of a word of an image as a keyword is prior to performing a search using the keyword.

However, Kamper clearly discloses identifying a word of an image as a keyword prior to performing a search using the keyword in Figure 5b, column 2 lines 36 – 40, column 3 lines 13 – 19, column 6 lines 42 – 49, column 7 lines 3 – 5, et seq. At the time the invention was made, it would have been obvious to a person of ordinary skill in the data processing art to modify Chess's method of managing documents to incorporate Kamper's method of identifying a keyword prior to performing a search, thus enabling a novel interface to an interactive search tool, offering users a convenient way to select keywords to save user's time and effort.

■ As to claim 18,

Chess teaches a selection unit configured to receive an input from a user who selects a portion of the displayed information (column 2 lines 49 – 50, et seq.); and at least one database for storing therein at least one file (column 2 line 28, et seq.).



■ As to claim 19,

Chess teaches wherein said search unit is a search engine accessible by a browser (column 2 lines 27 – 29, et seq.).

■ As to claim 20,

Chess teaches wherein the identification unit is configured to identify the word using a pointing device (column 2 lines 50 – 51, et seq.).

■ As to claim 21,

Chess teaches wherein the identification unit is configured to identify the word using a cursor position (column 2 lines 50 – 51, et seq.).

■ As to claim 22,

Chess teaches wherein the display unit is configured to display the additional information without altering a file corresponding to the image on the display unit (column 2 line 63, et seq.).

■ As to claim 24,

Chess teaches wherein the identification unit is configured to identify a non-linked word (column 2 line 50, et seq.).

■ As to claim 25,

Chess teaches when a file comprising a hypertext file or a non-hypertext file is displayed on the display unit, the identification unit is configured to identify a word from the file as the keyword specified by the cursor on the display unit (column 2 lines 50 – 51, et seq.).

■ As to claim 26,

Chess teaches a search criteria specification unit configured to display, on the display unit, in a space adjacent to the keyword, a menu for specifying search criteria for the search unit, the menu comprising menu items to be specified by a cursor; and a transfer unit configured to transfer the keyword and the menu items specified to the search unit (column 2 lines 10 – 12; 22 – 23, column 2 lines 27 – 29; 49 – 54, et seq.).

■ As to claim 27,

Chess teaches wherein the menu is for specifying at least one search database (column 2 lines 27 – 29, et seq.).

■ As to claim 28,

Chess teaches an output criteria specification unit configured to display, on the display unit, in a space adjacent to the keyword, a menu for specifying output criteria of the search result (column 2 lines 27 – 29; 49 – 54; 60 – 67, et seq.).

■ As to claim 29,

Chess teaches wherein the menu is for specifying where to output the result of the search (column 2 lines 27 – 29; 49 – 54; 60 – 67, et seq.).

■ Claims 30 – 31 are rejected based on the same rationale discussed in claim 2 rejection.

■ As to claim 32,

Chess teaches displaying text corresponding to the search result as text in the pop-up menu (column 2 lines 52 – 58, et seq.).

■ As to claim 33,

Chess teaches determining text to be displayed in the pop-up menu, wherein the text corresponds to documents searched in obtaining the search result (column 2 lines 52 – 58, et seq.).

■ As to claim 34,

Chess teaches wherein text displayed in the pop-up menu varies according to the content of the search result (column 2 lines 52 – 58, et seq.).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SANGWOO AHN whose telephone number is (571)272-5626. The examiner can normally be reached on M-F 10-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

8/12/2008  
/S. A./  
Examiner, Art Unit 2166

/Khanh B. Pham/  
Primary Examiner, Art Unit 2166